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U.S. DEPARTMENT OF AGRICULTURE  
WASHINGTON, D. C.

# NEW HAVEN NURSERIES

NEW HAVEN.  
MO.

JULIAN BAGBY, PRESIDENT.

JNO. L. BAGBY, SECRETARY.

R. J. BAGBY, TREASURER.









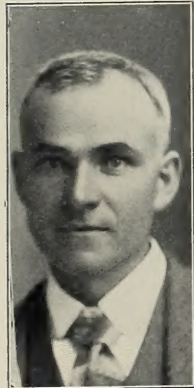




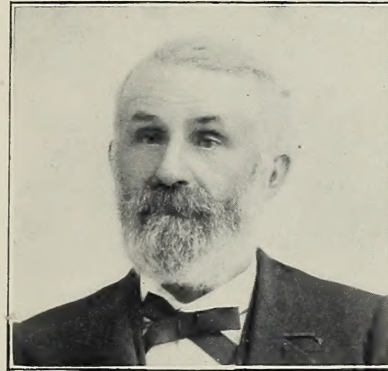
IN the belief that our customers will be pleased to become better acquainted with us and with each other, this Booklet is issued. We have over four thousand mail order customers who buy their nursery stock direct from us. Some of

these have been planting our stock for over twenty years and their expressions of satisfaction have done us much good. We are proud of the showing made "Among Our Customers" in the pages following:

Extract from Franklin County Tribune: "As the citizens of Franklin County, outside of New Haven and vicinity, have but little conception of the magnitude and rapid growth of this institution in the past few years, a brief description of the same may



ROBT. J. BAGBY,  
Treasurer



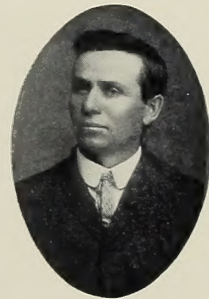
JULIAN BAGBY, President.  
Established 1872. Incorporated 1892.

not be inappropriate. The nursery business of Bagby & Sons Co., was started about 1870, by Julian Bagby on a forty-acre farm on Cedar Fork, twelve miles south of New Haven. When we first saw the nursery as a boy, it comprised less than five

the farm on Cedar Fork was sold and a small tract was bought just within the city limits of New Haven and the nursery was moved there to offer better shipping facilities. The Tribune has not the space to describe the growth and expansion of the business for the last thirty-

three years at New Haven. How well this business has prospered is attested by the fact that the nursery now comprises between four and five hundred acres of rich Missouri River bluff land, which is one of the finest and most productive soils in the world. Here on this land is grown the young trees that have made the New Haven Nurseries known from the Atlantic to the Pacific oceans and from the Canadian border to the Gulf of Mexico, for the New Haven Nurseries shipped goods last year to thirty-three states and territories. The New

Haven Nurseries have all the appliances, conveniences and most approved methods for handling their young trees quickly and safely. In going through the nursery one could not help noticing the absolute cleanliness of everything; no weeds were in sight, which indicated thorough cultivation. To



JOHN L. BAGBY,  
Secretary

acres. Here the business prospered in a small way and

see the acres

and acres of thrifty young trees made us almost wish that we owned the entire Franklin County, so we could plant all this vast amount of apple, peach, pear, cherry, plum and other trees which were seen to be growing in this nursery."

### REMARKS ON VARIETIES, SIZES, ETC.

We wish to say that the small size trees are strictly first



Nursery Office.

class and well rooted, and by many will be preferred to the larger sizes.

**Varieties**—So many ask, "What should I plant in my locality?" that we will here name a few of the popular and profitable sorts for general planting.

**Apples**—Ben Davis, Jonathan, Mammoth Black Twig, Gano, York Imperial, Rome Beauty, Wine Sap, Grimes' Golden, Maiden Blush, Yellow Transparent. This is our Commercial list. Others would add, perhaps, Wealthy, Arkansas Black, Ingram, Missouri Pippin, Duchess of Oldenburg. All of the above are good, profitable sorts, both for home use and the market.

**Peaches**—If you want to market your fruit, avoid the planting of too many early sorts. Reeves, Queen, Carman, Family Favorite, Fitzgerald, Champion, Mixon Free, Stump, Elberta, Heath Cling, Miller Cling, Chair's Choice, Capt. Ede, Gold Dust, Gold Medal, Salway, Golden Gate and Crawford's Late are all profitable for the market. Should early sorts be desired, Triumph, Alexander and Sneed are what you should plant. If for home use, plant general assortment, including above, for a succession. Be sure to include Golden Gate, Queen and Carman. The peach tree should have the shoots and branches shortened every year or two. The land should be kept in a high state of cultivation.

**Pears**—The fact is more and more apparent that Kieffer and Garber will stay in the lead for profit. Duchess, Seckel, Bartlett, Jersey, etc., should also be in most orchards.



**Cherries**—Early Richmond, Dyehouse, Montmorency, Wragg, English Morello (sour), Gov. Wood, Elton and Magann (sweet), do very well and are profitable. Try the sweet variety—Magann.

**Plums**—Wild Goose (native), Common Damson, Shrop Damson, German Prune (European), Abundance, Wickson, Red June and Burbank (Japanese), are all good bearers and profitable. We consider the Abundance, Wickson, Red June and Burbank the best of the well-known Japanese sorts. Try some or all of the Japan sorts.

**Thinning Fruit**—When the trees are heavily laden, the fruit should be thinned when about one-third grown, else the fruit will be poor and the trees injured. The necessity for thinning was fully demonstrated during the dry summer of 1901.

**Whole Root Trees**—Pear, Peach, Plum and Cherry trees are all grown on “whole roots.” Our Apples are all on so-called whole roots, grafted and planted so that the scion also roots. Don’t pay extra prices for “trade-marks.” We give our customers the very best, and we don’t ask two prices. A trial order will convince you.

### SHIPMENTS.

Our shipments for Fall of 1903 and Spring of 1904 consisted of over one million fruit trees, which went to thirty-six states and territories. These shipments were twenty-six furniture car load lots, closely packed in bulk, 1,148 cases and 618 bales in less than car load lots. A

total of about sixty-five furniture car loads. Some of the materials required for the above shipments are as follows:



A corner in one of the Grading Sheds.

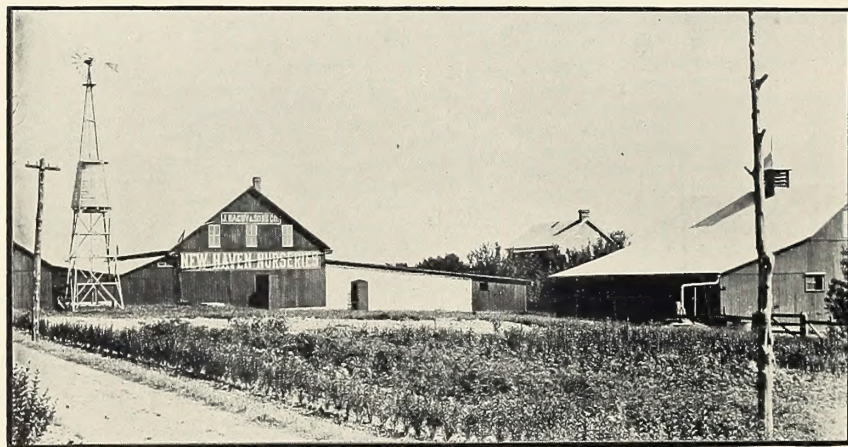
low: 100,000 feet of lumber for cases; three furniture car loads moss and excelsior for packing roots of trees; 120,000 labels; 8,000 pounds of paper and twine. We are now growing on our premises over two million fruit trees, all clean and healthy; nothing over two years from bud or graft.



### SPRAYING.

We cannot be too emphatic in impressing on the horticulturist to spray his fruit trees and grape vines if he desires good fruit. Follow directions carefully. Experiments frequently result disastrously. Careless spraying will result in loss of fruit and sometimes the trees. Every fruit-grower should purchase a spraying apparatus; they can now be had for a small sum. Be careful in keeping your solutions continually stirred. The best time for spraying is late in the afternoon or during cloudy weather, except with kerosene; this should be used on bright, sunshiny days.

Do not spray when plants are in bloom. Kerosene Emulsion for scale insects in Winter, and in Summer when young scale are



Packing Sheds and frost-proof Cool Storage Buildings—Over 100,000 cubic feet Cool Storage, frost proof.



Entrance to Packing Ground and Storage Buildings.

hatching. For Aphis use kerosene emulsion or sulphur, tobacco and soap.

### FORMULAS.

**Ammoniacal Copper Carbonate**—Copper carbonate 6 ozs., ammonia 26 deg., Baume, enough to dissolve copper, no more; water 40 to 50 gallons. Dissolve the copper carbonate in the ammonia (it will take about three pints of the stronger grade), and dilute with water to 40 or 50 gallons.

For fungous diseases: It does not discolor. We use Bordeaux mixture rather than above.





Residence Jno. L. Bagby.



Residence Robt. J. Bagby.



"Nursery Stock," 2 and 3-year.



Missouri River View from Packing Grounds of New Haven Nurseries.

**Arsenites**—Paris green 1 lb., fresh lime 3 lbs., water 175 gals. Make a paste of either Paris green or London purple with a little water, gradually dilute it by adding more water. When it is of liquid consistency, pour it into the water. If the poison is put dry into a barrel of water, it will collect in lumps and cannot readily be stirred into the water.



Setting 30,000 Peach Buds per day in field of 800,000 Seedlings.  
A Budder will set 1,500 to 3,500 buds per day, depending some on condition of stocks.

For insects that chew. The Paris green is less liable to burn foliage, so it is sometimes preferred to the London

purple. The London is more readily kept in suspension in the water, however. In applying either of these poisons, the liquid should be kept stirred so they will not settle.

These poisons are generally applied in Bordeaux mixture instead of water.

**Bordeaux Mixtures**—Copper sulphate, 4 lbs., lime (un-slacked) 6 lbs. Dissolve the copper sulphate by putting it in a sack and suspending it over a tub of water (at least 4 gallons), so the bottom of the bag just touches the water. When it is dissolved, dilute to 25 gallons. Slack the lime and dilute to 15 or 20 gallons, then pour these two together and add water to make 50 gallons. Do not fail to dilute both lime and copper sulphate before they go together, or chemical action will injure the solution.

The Bordeaux mixture is used for most fungus diseases, and is our best general fungicide. The sediment from it remains on the plant for some time, so fruit should not be sprayed with it near the time of ripening.

The amount of copper sulphate and lime may be increased to 6 pounds each or diminished to 3, 2 or even one pound each. (The weaker mixtures have proven about as successful with us for everything, except bitter rot, as the 6-pound solution.)

**Hellebore**—Fresh white hellebore 1 oz., water 3 gals. Apply when thoroughly mixed. This poison is not so



energetic as the arsenites and may be used a short time before the sprayed portions mature. For insects which chew. It is the best remedy for rose slugs.

**Kerosene Emulsion**—Hard soap  $\frac{1}{2}$  lb., boiling water 1 gal., kerosene 2 gals. Dissolve the soap in the water, add the kerosene, and churn with a pump for 10 minutes. Dilute with 10 gallons of water before applying. Use strong emulsion for all scale insects. For insects which suck, as plant lice, mealy bugs, red spider, thrips, bark lice, or scale, cabbage worms, currant worms, and all insects which have soft bodies, can also be successfully treated.

**Larkin Sulpho-Tobacco Soap** is a universal insecticide. A sure and safe exterminator of all kinds of insects and vermin on plants, shrubbery, vines, small fruits, and trees. It also acts as a powerful fertilizer; plants that have wilted from the ravages of insects will regain their freshness and grow luxuriantly. The soap is non-poisonous and absolutely safe to handle. It will not injure the tenderest growth.

For house plants and roses, use Sulpho-Tobacco Soap.

#### ABOUT AGENTS.

We are not employing traveling salesmen to solicit orders, but we shall be pleased to have you get up a club



A Portion of Block of 250,000 Apple Trees.  
About 12,000 Apple Trees are Grown per acre in Nursery Rows.

among your neighbors, and on club orders amounting to \$25.00 or more, we allow you 10 per cent, additional in stock. We put up each order in a separate package, so that upon receipt of the goods you have only to hand

out the different lots as ordered. Many of our best customers buy in larger quantities at the lowest rates and distribute in lots as ordered by their neighbors.

**References**—Some of our correspondents have asked us to give them bank references and we hereby comply, and can also refer to other local banks and to the commercial agencies.



Home View Adam Angst, Appanoose County, Iowa.

A. KAHMANN, President.  
T. W. CHAMBERS, Vice-President.

E. C. STUART, Cashier.  
A. P. STUART, Ass't Cashier.

## FIRST NATIONAL BANK.

Washington, Mo., September 12, 1904.

Whom it May Concern:

The New Haven Nurseries of New Haven, Mo. have a paid in capital of \$60,000, have been patrons of this bank since its organization, and we know them to be thoroughly reliable in every way.

Established in 1872, they have by progressive methods, fair dealing, and the high quality of their stock, built up a trade which now reaches over the entire country, and places them in the front rank in the nursery business.

At no place do they bear a higher reputation or are held in better favor than in their own vicinity, where they are well known.

We take pleasure in recommending them to purchasers desiring to deal with a thoroughly reliable company. Respectfully,

E. C. STUART, Cashier.

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**DISTANCES FOR PLANTING.**

Standard Apples .....	30 feet apart each way
Standard Pears and strong-growing	
Cherries .....	20 " " "
Duke and Morello Cherries.....	18 " " "
Standard Plums, Apricots, Peaches,	
Nectarines .....	18 to 20 " " "
Dwarf Pears .....	10 to 12 " " "
Dwarf Apples .....	10 to 12 " " "
Grapes .....	rows 10 to 16 feet apart, 7 to 16 feet in rows
Currants and Gooseberries.....	3 to 4 feet apart
Raspberries and Blackberries.....	3 to 4 by 5 to 7 feet apart
Strawberries, for field culture.....	1 to 1½ by 3 to 4 feet apart
Strawberries, for garden culture.....	1 to 2 feet apart

**NUMBER OF TREES ON AN ACRE.**

30 feet apart each way.....	50
25 " " .....	70
20 " " .....	110
18 " " .....	135
15 " " .....	205
12 " " .....	300
10 " " .....	435
8 " " .....	680
6 " " .....	1,210
5 " " .....	1,745
4 " " .....	2,725
3 " " .....	4,840

**Rule.**—Multiply the distance in feet between the rows by the distance the plants are apart in the rows, and the product will be the number of square feet for each plant or hill; which, divided into the number of square feet in an acre (43,560) will give the number of plants or trees to the acre.

**AMONG OUR CUSTOMERS.**

George W. Penn, Colbert County, Ala.: "Received the 2,000 peach trees, 600 pear and 2,000 grape. All came in good order. The delay was caused by a washout in the railroad. Your careful packing saved a loss on the trees in transit. The trees appear to be a fine lot, especially the pear."

J. J. Britt, Benton County, Ark.: "The 10,000 peach

trees arrived a week ago. All in good condition and a very fine lot of little trees. They look to be all Elberta.



Way down in Alabama—Kieffer Orchard, newly set, of G. W. Penn, Colbert Co., Ala.

The entire 10,000 all go to one man, all set in one orchard and I had to give him my guarantee that they are Elberta, and this is the reason I ordered them from you. I could have bought them a little cheaper, but I thought I'd run no risk if I bought from Bagby & Son."

Mrs. Isadora Lammy, Arkansas: "My order of trees arrived all O. K. I am much pleased with the trees,"

P. R. Craven & Son, Washington County, Ark.: "Our trees arrived on the 25th. All in good condition."



Apple Orchard of Major W. E. Carlin's, in Illinois.

Maj. W. E. Carlin, Pres. Jerseyville Fruit Growers' Association, Jerseyville, Ill., writes, October 29, 1904: "The apple, pear and peach trtes that I have secured from you for a number of years are as fine as could be desired. They are we'll rooted and in every respect are

most satisfactory. Every fruit man who has seen them pronounce them as excellent. They are smooth, vigorous and make rapid growth. I expected to order more for planting this fall, but the amount of work resulting from a fair crop of apples and pears has prevented, and I will have to defer until the coming spring."

Van Buren, Ark.: "I am more than pleased with the car of trees (Elberta) you sent me. They are if anything, better than I ordered and they are giving you a great advertisement down here. I never saw trees freer from worms. A great many trees coming in from other nurseries are badly affected with borers. So far yours are the nicest trees that have come in ——— trees not excepted."

Fred H. Reis, Sevier County, Ark.: "I received pear and other trees all O. K. Could not want anything better."

Bethesda, Ark.: "Trees to hand in due time. Very nice trees."

W. S. Coburn, Hotchkiss, Colo.: "The trees you used to send me were always in such fine condition and true to name that many of my old customers are again calling for them."

A. G. Slangstrom, Arkansas: "Your trees arrived all right and the Apple and Peach trees were fine."

L. S. Shibley, Carroll County, Ark.: "The trees shipped to Berryville, Ark., arrived in good shape and seemed to give good satisfaction."



Miss Lizzie Judd, Lee County, Ia.: "Trees arrived all O. K. and were in fine condition. They were not damaged by frost, as I was afraid they would be. They are perfectly satisfactory in every way."

George L. Wood, Jefferson County, Ill.: "I received your trees last Friday. Opened them the following day. I must say I was surprised to find the trees in such excellent condition; just as you represented them, if not better."

J. W. Palmer, Washington County, Ill.: "Trees arrived all right today and am well pleased with them."

J. T. Sharp, Montgomery County, Ill.: "The Kieffer trees arrived in good shape and am very much pleased with them."

John Mueller, St. Clair County, Ill.: "We got the trees from the station and found them satisfactory. They were fine trees."

Martinsville, Ill.: "I saw a bill of trees that you shipped to Lafayette Perisho, of Martinsville, Ill., and if they were just an average sample of your trees, you have the nicest trees I ever saw. I have sold trees for several years for different firms and yours beat them all."

Naples, Ia.: "I received the trees today, all in good shape, and am well pleased with them."

Mrs. A. Runkwitz, O'Fallon, Ill.: "Your trees arrived

in fine condition. Am much pleased with them. The extras you sent were No. 1. Many thanks for them."



Kieffer Pear Orchard, near Jerseyville, Ill.  
Our sales in Illinois 1904—88,902 trees

West Point, Ia.: "The box of trees you shipped me arrived, and I am well pleased with the stock."

Centerville, Ia.: "Trees arrived O. K. All parties well pleased, and some say they will want more next year."

Henry Schrupf, Grantfork, Ill.: "We have received the trees ordered from you all O. K. Nice healthy looking trees, well rooted, promising to grow all right."

Ralls County, Mo., Aug. 1, 1904.

I wish to say I have been buying and planting trees for nearly thirty years. In that time I have bought fruit trees from many nurseries, but I can, in all candor and truth, say you are the only people from whom I have bought trees where the trees were always true to name and possessed all the qualities of first-class stock. I am somewhat particular, but in our dealings for over thirteen years there has never been a point of difference between us. You have a good name and you deserve it. It has been honestly won.

R. Dalton.

John Ware, Wayne County, Mo.: "I bought of you the spring of 1901, planted about the 20th of April; from the date of planting until October there was no rain; yet out of the 50 trees I lost only one. The growth has been so rapid that in March last I cut

them back four feet. This year the growth will average five feet. It is as pretty an orchard as I have ever seen."



Col. Richard Dalton and Children.

Rev. H. T. Gibson, Arkansas: "My bill of trees came through all right. I am well pleased with them, especially with the budded ones. Think they are the finest trees I ever



D. A. Robnett, former President Mo. State Hort. Society.

bought. You will have my patronage in the future."

Mann Spitler, Newton, County, Ind.: "The trees I ordered of you this winter received and am much pleased with them. I have bought lots of fruit trees, but I can say your trees are the nicest lot I ever bought."

Rising Sun, Ind.: "Received the trees in good shape. I am more than pleased with the trees. For medium they are extra fine. Accept thanks for honest trees."



Bridgeport, Ind.: "We received your car, unpacked it all and found the stock very nice and in very good condition and that the car checked out all right."

J. W. George, Creek Nation, I. T.: "Our trees arrived in excellent shape. You can look for more business from this part next year."

M. E. Salmon, Stafford County, Kan.: "Received my trees. They are fine. Thanks for extras."

C. R. Ingraham, Riley County, Kan.: "The trees arrived and I have set mine out. They came through in good shape, although they were ten days on the road. I am well pleased."

Hunnewell, Kan.: "The trees I got from you last spring have done well."

James Duff, Beloit, Kan.: "The Sneed, Alexander and Carman peach trees I got from your nursery were immense. We got \$1.30 per bushel for the first grade and 50 cents for the second."

Oxford, Kan.: "The bill of trees arrived a few days since and we were well pleased with them."

James Stephenson, Clements, Kan.: "The trees (300 Kieffer pear) bought of you last season have done fine—just lost three trees, and out of the lot they were far ahead of my expectations, in quality of stock, packing, etc. Was better than I bought from one of those whole root concerns, and in your own state."

C. R. Pile, Carlisle, Ky.: "I send you photo of my orchard. I can say for you that I have bought many fruit

trees, etc., from you for myself and others for many years, and have always found them O. K."



Kieffer Pear Orchard of C. R. Pile, Carlisle, County, Ky.

Independence, Kan.: "The trees came through in good condition and was very well pleased with quality of trees, especially the Elbertas."

O. G. McKinley, Jefferson County, Pa.: "I received the trees in good order and am well pleased with them."

Ed Curd, Franklin, Tenn.: "The bill of trees came to hand and a very fine lot of trees. Thank you for your square dealing."

M. G. Black, Mt. Pleasant, Tex.: "I went ahead and opened my car and find beautiful trees. Way above grade."



Orchard of J. B. Reid, Saline County, Mo.  
Over 50,000 of our trees have been planted in Saline Co.

Arcadia, Kan.: "I beg to acknowledge the receipt of trees. I have unpacked them and found them in first class

condition and am more than pleased with them, both in size and appearance."

O. S. Claggett, Suffolk County, Long Island, N. Y.: "I received the box of trees and have them all set in an orchard, and am well pleased with them all. They are a fine lot of trees, all in fine order and in good shape; in fact, the best lot of trees I ever saw. Our neighbors all say they are a fine lot of trees; good roots and all."

Doniphan, Neb.: "Received my bill of trees all right and am well pleased with them."

Larrabee & Hubbard, Sabine County, La.: "The trees we got of you are doing finely, and we are giving them the best of care and expect to do a good business for you another fall and spring, if everything goes right." (Everything did go right and have since had orders for over ten thousand trees.)

J. A. Weatherby, Brown, Okla.: "Received the bill of trees all right. They are the nicest I ever saw."

Elkton, O. T.: "Your shipment of trees received. Every tree in good condition, the finest lot of trees I ever saw; plenty of heavy and fine roots; no better trees could be produced."

H. C. Phenicie, Oklahoma: "The trees came to hand a little late, but they were in good order and the finest I have seen this year."

G. W. Archer, O. T.: "I received the box of trees; everything in fine shape."

S. Carl, Okla.: "Just received trees in good shape."





Orchard of Major W. E. Carlin, Jerseyville, Ill.

Oklahoma City, O. T.: "The trees at hand in good shape and am well pleased."

S. Stoneroad, Mifflin County, Pa.: "Your trees received; they are fine. Surely it's no wonder Eastern nurserymen are buying Western trees by the carload, if you can produce such trees at the prices you now offer."

Louisiana, Mo.: "Car arrived at last, very good condition. Peach heavy and fine. Apple quite good."

Paul Larsen, Dover, O. T.: "I got some pear and apple trees from you three years ago and am well satisfied with same. I expect to set out a good many trees this season."

W. G. Miller, O. T.: "Trees that we received from you two years ago are looking fine."

William Parr, Byron, Okla.: "Received box of trees yesterday and found them in good shape and the other men were well satisfied with their trees. I am much obliged for the extra pear trees. We just finished setting them out."

A. S. Teater, Tenn.: "Trees received in good order and all satisfied."

Philip H. Bork, Tiffin, O.: "Received box of trees. They are satisfactory."

Prosser, Washington: "Your invoice of trees shipped the 5th inst., received the 27th inst. In spite of the long time in transit, trees are in first-class condition and I am much pleased with the kind of stock sent, being much finer than I expected."

Leitchfield, Ky.: "I opened up the goods today. They are all O. K. I never saw such fine one-year old Kieffer before. If you have Garber that size send them at once. I have the money ready."

R. S. Morris, of Siloam Springs, Ark., sold the products in 1901 of 100 acres of apples and peaches for \$12,000 net—\$120 per acre.

Mr. P. Broyhill, Gravette, Ark., sold his apples for net \$140 per acre, almost \$3 per tree.

Mr. W. H. Davey, of Siloam Springs, Ark., made net on his peach trees in 1901 \$2.10 per tree, and in 1902 over \$4 per tree.

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#### WHAT SOME OF OUR CUSTOMERS SAY FROM THE "SHOW ME" STATE.

Windsor, Mo.: "Enclosed find expense bill for freight on stock you sent me, which arrived in good condition, and am well pleased with same."

W. R. Wilkinson, St. Louis, Mo.: "I have just visited my orchard in Perry County, Mo. The Peach trees I bought of you last spring have made very satisfactory growth. From about fourteen hundred trees bought I found only seven that had failed to grow, which is the smallest loss I ever knew. Shall want a few more trees in the spring."

Arabella, Scotland County, Mo.: "Trees came in all right. Was pleased with them. Fine tops and roots; better than I have been used to."





Orchard Jno. C. George, Saline County, Missouri.

Aurandt, Pa.: "The Peach trees arrived. Please accept our thanks for the splendid trees and liberal treatment."

W. P. Jones, Cass County, Mo.: "Received trees last Thursday in good condition and came up to my expectation. I am well pleased with them. Please accept my thanks for the Wild Goose Plums you sent gratis. When I want more nursery stock I surely will not forget you."

W. T. Flournoy, Lawrence County, Mo.: "The stock you sold in this region last winter has proven very satisfactory. It has been a fine season to grow trees with us. There have been but very small losses."

Lee's Summit, Mo.: "Stock reached here in good condition."

Hermann, Mo.: "I unpacked the trees you shipped me and found everything satisfactory. The Cherries are exceedingly fine."

Wyaconda, Mo.: "I got my trees. They are all fine."

Walter L. Wilson, Pulaski County, Mo.: "I enclose check for trees shipped me. The trees are very fine."

W. H. H. Stephens, Cooper County, Mo.: "Trees received in good condition. Find enclosed my check for same and oblige."

Wm. C. Hagan, Buchanan County, Mo.: "Trees came to hand all O. K., and fine shape. After trees were set we had several good rains and all are starting fine. Will want more trees in the near future."

R. S. Garrison, Ripley County, Mo.: "We received our trees in excellent condition and are more than pleased."

Edward G. Bramell, Henry County, Mo.: "I received my trees, and am satisfied and well pleased."

P. C. Bruno, St. Louis County, Mo.: "Trees arrived. They are fine and am well pleased with them."

Matthew Long, Webster County, Mo.: "The box of trees came all right. I am well pleased with them. I took one man in to see them who had a short time before bought from an agent 1,000. He said the agent deceived him, that his trees were not half so good as mine, and that he paid the agent more for the ones he got."

E. Goodwin, St. Louis County, Mo.: "The trees you sent were very fine and well rooted."

Thos. J. Marrs, Stoddard County, Mo.: "I have been intending to write and tell you that I was more than pleased with your trees. Peach finest I ever saw; all living. Plums all growing finely."

Prof. J. C. Whitten, President State Horticultural Society, Columbia, Mo.: "Trees came in fine condition. Thank you for your care and trouble. Enclosed find check."

D. E. King, General Traveling Freight Agent, Missouri Pacific Ry., St. Louis, Mo.: "I am pleased to advise you that trees were delivered in fine condition. Rather late, but all right now. By mistake car got by Clarksville and our stock had to be returned."



E. L. Parker, Lawrence County, Mo.: "The trees arrived in fine condition and am well pleased."

C. I. Manley, Lawrence County, Mo.: "The trees came and are all right."

W. R. White, Schuyler Co., Mo.: "Trees received all right and in good shape. Can say that I am well pleased with them."

Irby Murry, Green Co., Mo.: "Received the bill of trees I ordered of you. They are in good shape and I am entirely satisfied with them."

W. C. Moreduke, Chariton Co., Mo.: "Cherry trees received. They are very fine."

T. C. McIntyre, Boone Co., Mo.: "Box of trees received yesterday. Well pleased with them."



Orchard of D. A. Robnett, near Columbia, Mo.

A. Wampler, Johnson County, Mo.: "Am well pleased with the trees, and for fair dealing and prompt delivery I recommend the New Haven Nurseries to my friends and neighbors."

Z. T. Russell, Jasper County, Mo.: "The trees ordered of you this spring, and shipped by you this spring, have been received and are in the best condition; packing all right, and trees clean and healthy and fully up to grade, or, in some cases, over."

Sid Mixon, Barry County, Mo.: "The bill of trees I ordered of you have been received and I found them in first-class condition. The people in this section bought trees from a nursery in New York, and all that saw mine say they wished they had ordered from you."

W. R. Etchison, Daviess Co., Mo.: "Received trees all right and all were well pleased."

Prof. W. L. Howard, Columbia, Mo.: "The two boxes of trees arrived in good condition. The trees are about the size that I desired; in the main they are entirely satisfactory."

W. G. Gano, Treasurer Missouri State Horticultural Society, Parkville, Mo.: "Trees checked out all O. K. Splendid trees. Grade and promptness could not be better. All the trees we have bought of you have proven to be very vigorous and healthy and true to name."

J. A. Durkes, Platte County, Mo.: "Have received the trees, and they opened all right in perfect condition. Am well pleased with them."

W. R. Wilkinson, St. Louis, Mo., August 10, 1904: "I have sold my peach crop on the trees at a good price; quality No. 1. I expect to plant a big block again next year, and shall want your trees. All Elberta."

W. D. Ewen, St. Louis County, Mo.: "I received my trees and have them all set out. They came in good shape and I think they are the best trees I ever got. I am very much pleased with them."

Capt. E. M. Baldwin, Franklin County, Mo., November 20, 1902: "The trees I ordered from you came to hand in splendid order and condition. They are now planted. The ground was loose and mellow and I do not expect to lose a tree. The stock was fine, plenty of roots and good thrifty bodies. The best trees I ever saw. I am more than pleased."

Stedman, Mo., Sept. 29, 1904. New Haven Nurseries: "I think the best investment I have made during the past ten years has been in apple and peach trees which I purchased from your nursery. I have just finished gathering and selling over \$200.00 worth of White Heath, Smock and Crawford. In all probability 150 trees bore a crop. Have just finished gathering 150 bushels of Jonathan and



Ben Davis with an average of about 3 bushels of apples to the tree. Fine ones. Had I set out my farm in fruit

trees of proper varieties six, seven or eight years ago, the yield of fruit would pay in one year what we ordin-

arily get in five years of farming the same land. These river hills are hard to beat for fine fruit. I now have nearly 40 acres in fruit trees. Respectfully,  
J. L. ERWIN.

Henry Angert, St. Charles Co., Mo., Dec. 11, 1902: "The parties are well pleased with the trees and no doubt will bring you more orders from their neighborhood next spring."

Chas. E. Hill, Muskegon County, Mich., April 7, 1904: "The stock I ordered of you was shipped March 19, received here April 4. The floods throughout



Residence D. A. Robnett, former President State Horticultural Society.

the country I think was the cause of the delay. Stock arrived in fine condition. Must confess I am very much pleased with it. I have notified several parties who are interested in your stock to examine it."

**We use the greatest care possible to have our stock true to name**, and should any prove not true, we stand ready to replace it free of charge, or to refund the purchase money, but do not hold ourselves liable for any greater amount than the first cost of stock that may prove not true.



Apple Orchard Clay Co., Ill., belonging to United Orchard Co.,  
Jno. G. McNair, Manager  
This Orchard, in Clay County, contains over 35,000 trees.

**All our shipments of trees** will be accompanied by Certificate of Inspection of Prof. J. M. Stedman, Entomologist. This is a guarantee to the buyer that our stock is free from all disease. Missouri-grown trees are the best. Good stock, true to name, sold direct to the planter at reasonable prices is our aim.

**Our Guarantee**—The fact that nurserymen, planters and fruit-growers of the country have ordered of us year after year, is as good a guarantee as can be given by any other nursery of thirty-three years' standing. But if any mistakes occur we will cheerfully rectify them.

### FACTS AND PROFITS.

The following detailed statistics were compiled by United Orchard Co., and are reproduced from their prospectus:

Col. H. D. McKay, of Pomona, Mo., made \$1.80 per tree on his peaches, and is improving his orchard. He says Missouri is the peach country.

Theo. H. Lowney, one of the pioneer apple growers of the State of Illinois, says he sold his apples in 1891 for \$225 per acre, in 1889 for \$250 per acre on the tree—this is almost \$4 per tree.

President H. A. Aldrich, of the Illinois State Horticulture Society, is authority for the above.

Mr. A. W. Poole, of Ozark, Ark., has 40,000 peach and apple trees, and says he has one apple tree (18 years old), which netted him \$19.35 in 1892 and \$13.65 in 1893. Mr. Poole declares, over



his signature, that peach trees will pay from \$75 to \$80 per tree.

Mr. William Calloway, Marshfield, Mo., made \$210 per acre on his apples in 1892, over \$4.00 per tree.

Hon. N. F. Murray, former president of the Missouri State Horticultural Society, says that his orchard has netted him \$80 an acre per year for the past ten years, about \$1.50 per tree. He has a ten-acre apple orchard that made him \$140 per acre last year, about \$3.00 per tree.

John D. Pope, Willow Springs, Mo., made over \$2.00 each peach tree. He has a very fine young orchard.

C. B. Booker, of Mountain Grove, Mo., made \$2.20 on each peach tree. His orchard has received good care.

L. A. Goodman, Westport, Mo., for the past 20 years secretary of the Missouri Horticultural Society, says there are no crops like apple and peach crops of Missouri. These crops are sure three out of five years, and \$100 per acre is a small amount to be made on a good orchard.

Mr. Perry Kiser, of Benton County, Ark., says that he has made more than \$150 per acre on his peaches, which is about \$1 per tree.

The peach growers in Clarksville, Ark., netted over \$100 per acre on their peaches last year, which is about 70 cents per tree.

F. P. Hall, Prairie Grove, Ark., made \$5,300 net on his 50 acres of apples—over \$2 per tree.

V. V. Lambeth, Logan, Mo., says he sold his apples for \$85 per acre.



Picking Peaches, McNair Orchards, St. Elmo, Mo.  
Over 50,000 trees in the McNair Orchards are from New Haven Nurseries.

Mr. W. R. Cady, Rogers, Ark., made \$310 per acre on his apples in 1897, which is about \$6 per tree.

Judge L. B. Woodside of Salem Ark., has a fine orchard of 18,000 apple trees. He says that he has two old apple trees which averaged 60 bushels per tree.

Mr. M. N. Scott, of Hackett, Ark., says he made \$100 per acre on peaches, about 70 cents per tree.



To show what can be done with Grape Vines. Residence Phillip Berk, Tiffin, O.—Winter View.



The same residence as shown to left—Summer view—showing change made by the growing Grape Vines.

D. Graef, Effingham County, Ill.: "The trees I bought from you last spring are in good shape and parties well satisfied."

H. A. Darting, Harrison County, Ia.: "In reply to your favor will say we have some very fine trees growing which came from your nursery."

Edwit Riehl, North Alton, Ill.: "Box of trees arrived at my p'ace today and opened up O. K. I have received a great many trees, etc., from different parties, but never opened a box that was so well packed as the one from you. Trees were fine."



## APPLE TREES.

Our Apples are all grown on Missouri river land, are well rooted, smooth, clean and well grown in every respect. No better trees can be found anywhere. We offer also budded trees, which are ideal. They are smooth and clean with splendid roots.

**Summer Apples—Carolina Red June** (Red June)—Medium size, red, flesh white. Last of June.

**Duchess Oldenburg**—Russian—Medium to large size; skin yellow, streaked with red and somewhat blushed. Productive; August.

**Early Harvest**—Medium to large, bright straw color; flesh white. Tree comparatively vigorous and productive; one of the best. First of July.

**Keswick Codlin**—Large, excellent for cooking; productive and early in bearing. July and August.

**Red Astrachan**—Large, crimson, handsome; is rather acid, but good and crisp; profitable. Early.

**Summer Queen**—Medium to large; surface yellow, blotched and streaked with red; flesh yellow. August.

**Yellow Transparent**—This valuable apple is said to be of Russian origin. However, we find it to be a very valuable addition to our list. Fruit medium to large; nearly white.

**Fall Apples—Maiden's Blush**—Rather large, evenly shaded red cheek or blush on a clear pale yellow ground; bears large crops. August and September.

**Rome Beauty**—Large, yellow, shaded with red; tender, juicy, sub-acid. October to February.

**Wealthy**—An apple of fine appearance and quality, an early and profuse bearer; a good market apple of its sea-



Orchard at Lanigan, Mo., Ozark Orchard Co., L. A. Goodman, Manager.  
Our sales in Missouri, 1903-1904, over 600,000 trees.

son. Tree hardy; in size and beauty it equals Baldwin, and is a better dessert apple. Ripens here in August. Winter apple North.

**Rambo**—Medium; streaked with dull red and somewhat dotted, productive and vigorous. Sept. to Nov.

**Winter Apples—Arkansas Black**—Origin Bentonville, Arkansas. The tree is a beautiful upright grower, young



Orchard at Lanagan, Mo. L. A. Goodman, Manager.

wood very dark. Fruit medium to large; fine flavor; beautiful dark color, almost black; flesh yellowish, slightly sub-acid, crisp. One of the best cooking apples; vigorous. January to May.

**Grimes' Golden**—Medium to large; rich golden yellow;

flesh tender, mild, sub-acid. Should be gathered before turning yellow and put in a cool place, and often keeps until February. For canning purposes it nearly equals the pear. Tree hardy, vigorous; an early and abundant bearer. November to January.

**Huntsman's Favorite**—Originated in Johnson County, Missouri. Very large; golden yellow, with bright red cheek; nearly sweet, fine flavor, very aromatic. One of the best and highest selling market apples; tree very healthy and moderately productive. November to January.

**Gano**—This apple was introduced to the public in 1886. Tree very hardy; it bears very young. Fruit bright red on yellow ground, no stripes; large, oblong, tapering to the eye; surface smooth, takes a very high polish, making it valuable as a stand fruit; flesh white. An early, annual and prolific bearer. December to May.

**Ingram**—A seedling of the old Janet. Originated near Springfield, Mo. Its habits are similar to the Janet, but the tree is a more upright grower and the apple is not subject to crack. Size medium; striped bright red in the sun; flesh greenish yellow, agreeable, sub-acid flavor; good keeper. Tree hardy, late bloomer and very productive.

**Ben Davis**—Fruit medium to large, flesh white; an excellent variety. Tree very hardy, a free grower, coming into bearing early, and very productive; very popular. December to March.

**Clayton**—Large, conical, flattened, regular; red, with



darker stripes; flesh yellow, breaking sub-acid. Tree a strong grower, long lived. December to March.

**Janet**—Rawle's Janet—Medium, roundish, greenish yellow, striped with red; rich and juicy, one of the best and longest keepers in the South and Southwest; valuable for its high quality and its late blooming; moderate grower. January to March.

**Jonathan**—Fruit medium, roundish; skin yellow, nearly covered with dark or lively red; moderate grower. One of the best apples for home use or market. October to January.

**Mammoth Black Twig**—Supposed to be seedling of the Wine Sap, but tree a better grower in the nursery and fruit much larger; or, in other words, an improved Wine Sap. Tree a fine, upright, and spreading grower.

**Missouri Pippin**—Large, oblong, bright red, with numerous gray dots, very handsome, fair quality, an early and very abundant bearer, and very profitable. December to March.

**Payne's Keeper**—Is a magnificent winter apple, selling higher than any other variety on the market. Our stock is from the original orchard of the Payne Sisters, near Everton, Mo. The tree is a slow grower in the nursery.

**Salome**—A northern Illinois apple, said to be very hardy, bearing early and abundantly. Resembles the Janet in size and color; a good keeper. January to April.

**Wolf River**—Very large and handsome; flesh whitish, sub-acid, a good bearer. November and December.

**Winesap**—Medium, dark red; a favorite market variety in the West. November to April.



Peach Orchard W. D. Nevitt, Sumner Co., Kan.  
Our sales in Kansas, 1903-1904, 68,306 trees.

**Talman's Sweet**—Medium; pale yellow, slightly tinged with red; firm, rich and very sweet; valuable baking apple; vigorous and productive. November to April.

**York Imperial**—This apple has been gaining in favor, and is being planted largely in the West as a commercial sort. Large.

**Vandevere**—An old and popular sort for home use. We also grow Northwestern Greening, Western Beauty,



Apple Orchard W. D. Nevitt, Sumner Co., Kan.

Snow, Baldwin. We pay the freight on all orders amounting to over \$10.00. Get your neighbors to join with you in an order.

#### CRAB APPLES.

Hyslop, Whitney and Transcendent at same price as other apples.

#### PEACH TREES.

We are the largest growers of peach trees in the West and can supply in any quantity—the best up-to-date market sorts. Our peach are stocky, nicely headed, smooth, straight bodies, well rooted, on healthy peach stocks and free from any disease. Remember this in comparing prices with eastern establishments. Freight paid to your station on conditions mentioned. We indicate the season of ripening here.

**Alexander Early**—Large size, handsome and regular in form, with deep maroon shade; adheres to the stone; should remain on the tree until fully ripe. White flesh. Last of June.

**Briggs Red May**—Medium size, very highly colored; flesh greenish white, very juicy, vinous, and of very good quality; adheres somewhat to the stone; of firm texture; tree very prolific. Ripens fully ten days later than Amsden.

**Champion**—Originated at Nokomis, Ill. Fruit large, beautiful in appearance; flavor delicious, sweet, rich and juicy; skin creamy white, with red cheek; freestone. August 15.

**Chinese Cling**—Most popular Southern peach, oblong, creamy skin, with faint flashes of red. August.

**Crosby**—If you want peaches every year, try some Crosby. It is of large size, rich orange yellow, splashed with red and of best quality. Mid-season.



**Crawford's Early**—This beautiful yellow peach is most highly esteemed for market purposes. Fruit very large, oblong, skin yellow, with fine red cheek; flesh yellow, juicy, sweet and excellent, free. Last of July. Would not advise planting this sort north of Central Missouri.

**Crawford's Late**—Fruit of the largest size; skin yellow, or greenish yellow, with dull red cheek; flesh yellow; productive; one of the best; free. August and September.

**Chair's Choice**—Large, late, yellow. One of the best for home or market planting.

**Capt. Ede**—Originated on farm of Capt. Ede in Illinois. Is a splendid yellow freestone variety. In appearance very much like Elberta, which it equals in every way, except not quite so large, and is better quality.

**Elberta**—A Georgia cross between Crawford and Chinese Cling, very large, well colored; all things considered, the finest yellow freestone in cultivation; no one can go amiss by planting it; fruit perfectly free from rot, and one of the most successful shipping varieties. August 20th.

**Family Favorite**—Free, seedling of Chinese Cling, of better color, large, clear, waxy complexion with blush, prolific, firm, valuable for shipping, canning or drying. Last of July.

**Foster**—Same season as Crawford's Early, but much more productive; yellow, with red cheek; quality best; good size.

**Salway**—Fruit large, yellow, with red cheek; flesh yellow; a late showy market sort; freestone. Last of Sept.



View in Orchard of A. C. Austin, New Mexico—A scenic section of great and imposing beauty, 6,850 ft. above sea level.

**Gold Dust**—If you want the very best canning variety, this is the peach. Large yellow clingstone; juicy, productive and of best quality. Season, September.

**General Lee**—An improved Chinese Cling; very valuable. August 20.

**Smock Free**—Fruit large, skin orange yellow, mottled with red, a good market sort. September 15th.



Residence F. H. Speakman, Neosho, Mo. Mr. Speakman is one of the most successful fruit growers in this country.

**Globe**—An improvement on Crawford's Late. Fruit large, globular, of a rich golden yellow with a red blush, flesh yellow, juicy. August.

**Henrietta**—(Levy)—Magnificent yellow cling, large size, mostly covered with bright crimson; hardy, pro-

ductive; always commands fancy prices. September 25.

**Heath Cling**—Large, oblong, creamy white, slightly tinged with red in the sun; very tender, juicy, melting; very rich and luscious. September 15th.

**Mountain Rose**—Large, red; flesh white, rich, juicy, excellent. Season August 1st.

**Miller Cling**—An extra large clingstone. Hardy, productive, and of best quality. We consider it the best white clingstone, ripening early in September.

**Muir**—A small yellow freestone. Hardy, productive. September.

**Old Mixon Cling**—Large, with red cheek; juicy, rich and high flavored; one of the best clingstone peaches. White flesh. August 15th.

**Old Mixon Free**—Large, white flesh, with deep red cheek; rich and good; one of the best. August.

**Picquet's Late**—A variety of large size; yellow, with red cheek; flesh yellow; freestone. September.

**Ringgold Cling**—Much larger than Heath, every way an improvement on that popular kind. September 1st.

**Reeves' Favorite**—Flesh yellow, tree hardy and productive; unexcelled quality; one of the best and most reliable yellow market peaches. Season about August 10th.

**Sneed**—Ripens earlier than Alexander, and belongs to an entirely different type; it is very distinct in tree and fruit, belonging to the Chinese Cling type; size medium.

**Stump the World**—Very large, roundish; skin white, with a bright red cheek; flesh white; freestone. End of August.



**Susquehanna**—One of the handsomest peaches; large, yellow flesh; rich and good; freestone. September.

**Thurber**—A seedling of the Chinese Cling, which it resembles in size and color; skin white, with light crimson mottlings; freestone. Ripens in August.

**Triumph**—The earliest yellow peach known. Productive, hardy and profitable for market. Originated in Georgia.

**Wonderful**—Color rich yellow; flesh yellow, highly flavored, firm. Ripens in October.

**Wheatland**—Large, roundish, skin golden yellow shaded with crimson on the sunny side; flesh yellow and of fine quality; tree vigorous. August and September.

**Athens**—The finest yellow cling in existence. Very large, hardy and productive. Season September.

**Barnes**—A late Blood Cling. Season October 1st.

**Carman**—White flesh, large with beautiful mottled red cheek. A valuable home or market sort. Season about ten days later than Alexander and about two weeks earlier than Elberta. Our stock came from the originator.

**Fitzgerald**—Of Crawford type. A seedling found at Oakville, Ont., where it stands the winter perfectly, is undoubtedly very hardy. Quality first-class, freestone, and we recommend it with entire satisfaction.

**Gold Medal**—Elberta shape and color, larger and about ten days later than Elberta, but not quite so prolific; freestone.

**Golden Gate**—Originated by Dr. Smith of Hermann, Mo. Very productive, large, beautiful yellow. Season a week later than Elberta.

**Queen**—A very late September variety. Originated in Howell County, Missouri; freestone, white flesh, red cheek. Season, September.

**Lady Ingold**—In great demand as a popular market sort. Yellow; free.



Newly set Peach Trees in Strawberry Field. "Stringfellow's method." No cultivation till June.

**Miller Cling Peach**—An extra large clingstone; hardy, productive and of best quality. Earlier season than Heath Cling, but large, and better color. We consider it the best of all clingstones.

**Matthew's Beauty**—Originated in Georgia. A late yellow freestone. Fully as large as Elberta and two weeks

later. Would advise extensive planting of this sort.

## PLUMS.



Mississippi River View from Orchard of Judge W. R. Wilkinson, in Perry Co.

**Burbank**—Large, varying less in size than the other Japanese Plums; it is nearly globular; clear cherry-red, with a thin lilac bloom; flesh deep yellow, firm and meaty; tree vigorous and productive.

**Abundance**—A hardy, productive Japanese sort. Large purplish red; quality very best. Season, July.

**Common Damson**—Well known and very productive. Season September.

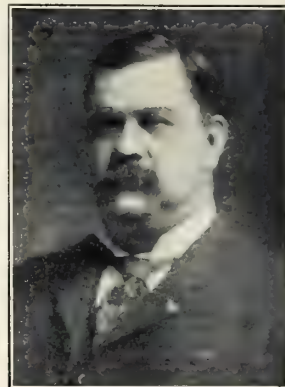
**Golden Beauty**—Round; rich golden yellow; very firm; small seed, nearly free; excellent in quality; immensely productive. September.

**German Prune**—Very profitable, and will succeed wherever. Common Damson can be grown; very large. We consider it the best of European sorts. August and September.

**Ogon**—It is large, nearly round; of the brightest golden yellow; flesh firm, sweet, rich and dry; ripens a little earlier than Abundance or Botan; free-stone.

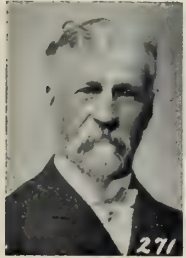
**Shropshire Damson**—A plum of fine quality, sprightly. In market it has commanded nearly double the price of the Common Damson, and is enormously productive. September.

**Willard**—One of the imported Japanese varieties; ripening before Abundance. When ripe is dark red. Very early, but poor quality.



Judge W. R. Wilkinson of St. Louis, vice-Pres. Apple-Growers' Congress.

**Wild Goose**—Large, rich, crimson, beautiful flesh, soft, rich, melting, delicious, with a full fruity flavor.



L. A. Goodman,  
Sec'y Mo. State  
Hort. Society.

Tree a strong grower; prolific. This variety is among plums what the Ben Davis is among apples—referring to the American class of plums. July.

**Wickson**—We regard this as the best of the late ripening Japan sorts. Readily parts from seed. Extra large; and we can advise extensive planting for home and market. Season, August.

## CHERRIES.

Our Cherry are all budded on Imported French Mahaleb and Mazzard stock. They have fine roots and nice heads. All well rooted and will be graded full size indicated, and up. We have some nice Cherry on Mazzard stocks. Many prefer that stock.

**Baldwin**—A new variety of great promise; hardy, and said to be productive.

**Dyehouse**—Very early and sure bearer; ripens before Early Richmond; but not quite as productive. May.

**English Morello**—Medium to large; blackish red; acid; juicy. Very productive. July.

**Gov. Wood**—One of the best cherries; very large, light red, juicy, rich and delicious. Tree healthy and a great bearer. May and June.

**Early Richmond**—(Kentish, Virginian or Early May)—Medium size, red; melting, juicy, sprightly, acid flavor.



Orchard at Lanagan, Mo. L. A. Goodman, Manager.

This is one of the most valuable and popular of the acid cherries, and is exceedingly productive. First of June.

**Elton**—A splendid sweet sort, about ten days later than Gov. Wood, which it somewhat resembles.

**Montmorency**—No doubt one of the finest acid cherries; tree very hardy and an immense bearer; com-



mences to fruit while young, and is loaded annually thereafter with fine crops; fruit of good size, fine flavor,

almost black when fully ripe, growing in large clusters. It will pay you to include some of these in your order for other stock.

**Wragg**—Originated in Iowa. Medium to large in size, long stem, dark purple when fully ripe. A variety well adapted for the high latitude and prairie regions of the northwest. This is the very best late sour variety. July.

### PEARS—SUMMER.

**Bartlett**—Large; skin very thin, clear lemon-yellow with soft blush on the sunny side; flesh white; buttery, very juicy and highly flavored; the best summer pear in existence for quality.

**Clapp's Favorite**—Large; pale lemon-yellow, marbled with crimson on sunny side and thickly sprinkled with brown dots; flesh finely grained and melting, with a rich vinous flavor. August.

**Seckel**—This small but most delicious pear originated on the farm of Mr. Seckel, near Philadelphia. Its highly concentrated, spicy, honeyed flavor is not equalled by any other variety. Skin brownish-green with a lively russet-brown cheek; flesh whitish buttery, juicy and melting.

### PEARS—AUTUMN.

**Buffum**—Medium size; yellow, somewhat covered with reddish-brown and russet; buttery, sweet and excellent; a stout and upright grower.

**Duchess d'Angouleme**—Very large; greenish-yellow; sometimes a little russeted; makes a beautiful tree; does



Fifteen-year-old Ben Davis, loaded with Fruit in T. C. Wilson's Orchard, Ralls Co., Mo.

and of bright, clear, shining red; valuable everywhere, especially for northern latitudes; larger than Early Richmond, and fully ten days later. End of June.

**Magann Cherry**—A new hardy, sweet cherry. Original tree in Franklin County, Missouri, supposed to be about forty years of age, and producing annually. Fruit large,

best on quince. One of the best. October and November.

**Garber**—Originated in Pennsylvania 23 years ago, is large and beautiful, bright yellow with red; juicy and good; delicious canned. Ready to pick with Le Conte, or a few days later, and much better, not only in fruit, but in hardiness and health of trees.

**Flemish Beauty**—Large, beautiful, juicy, melting, rich and fine; strong grower and good bearer; hardy everywhere. September and October.

**Howell**—Large, light waxen yellow, with a fine red cheek; handsome, rich, sweet, melting, perfumed aromatic flavor. Tree an upright, free grower, an early and profuse bearer. Very hardy and valuable. September and October.

**Kieffer's Hybrid**—Tree a remarkable grower, with so vigorous a constitution that it rarely, if ever blights. Fruit of fine size, rich color and good quality. Brings high prices in competition with other varieties. Best when picked at maturity and house-ripened. October and November.

## RASPBERRIES.

Plant in good soil, and manure it from time to time freely. The hills should be not less than four feet apart each way, with two or three plants on a hill. Cut out the old and weak shoots each year, preserving not over six for fruiting. If the location is much exposed and the plants inclined to kill down seriously, they may be bent over in the fall on mounds of earth formed at one side of the hills and covered sufficiently to keep them

down until spring. Surplus suckers take strength from the bearing plants. They should be cut or hoed up fre-



The Great Flood of 1903—Missouri River at New Haven, Mo., June 6th, 1903. Width of river at this point over three miles during the flood.

quently. Raspberries may be made very profitable with good cultivation.

### Varieties.

**Columbian**—An improvement on Shaffer's, which it resembles, but the berry is firmer, dark red, adheres to the bush much longer and retains its shape better, both

on the market and for canning. Bush a stronger grower, attaining a very large size. One of the hardiest, and



When two trains going in opposite directions attempt to use the same track—New Haven, Mo., 1903.

wonderfully prolific. Unexcelled for productiveness.

**Cuthbert.**—(The Queen of the Market)—Large, conical; deep, rich crimson; firm; of excellent quality. A vigorous grower, entirely hardy, immensely productive.

**Cumberland**—In size, the fruit is simply enormous, far

surpassing any other sort. The berries run seven-eighths and fifteen-sixteenths of an inch in diameter, and are of such handsome appearance that their fruit has often sold for 10 cents per quart, when other varieties were selling for 5c to 7c per quart. The quality is similar and fully equal to Gregg. In spite of its unusual large size, the fruit is possessed of great firmness and is thus well adapted for standing long shipments. Mid-season. The bush is exceedingly healthy and vigorous, throwing up stout stocky canes, well adapted for supporting their loads of large fruit.

**Gregg**—Of good size; fine quality; very productive and hardy. It takes the same position among black caps as Cuthbert among the red sorts. No one can afford to be without it.

**Kansas**—Strong, vigorous grower, standing extremes of drought and cold, and bearing immense crops. Early, ripening just after Palmer. Berries size of Gregg; of better color; jet black, and almost free from bloom; firm, of best quality; presents a handsome appearance and brings highest price in market.

**Marlboro**—The largest early red raspberry, ripening only a few days after Hansell; beautiful bright scarlet, of good but no high quality, hardy and productive.

**Miller**—Bright red color, which it holds after picking. Stout, healthy, vigorous grower; canes not as tall as Cuthbert; well adapted to carrying their immense loads



of berries. Berries large; hold their size to end of season; round, bright red; cores small; do not crumble; firmest and best shipper; rich, fruity flavor. Commences to ripen with the earliest. We can highly recommend this for either home or market.

**Ohio**—A very strong growing, hardy sort, fruit nearly as large as Mammoth Cluster; more productive than any other variety, and one of the most if not the most valuable for market.

**Souhegan**—(Tyler)—A new variety commended very highly as a market sort by those who have grown it. Said to be enormously productive, perfectly hardy and free from disease of any kind.

**Schaeffer's Colossal**—(Puthill)—A strong growing variety, producing berries of great size, excellent to dry, and unsurpassed for canning; flavor peculiar and fine.

## BLACKBERRIES

should be planted in rows six feet apart and three feet in the row. Pinch the canes back when they have reached about four feet in height, and cut out old dead wood every year. Cultivate well and deep, or mulch heavy with straw.

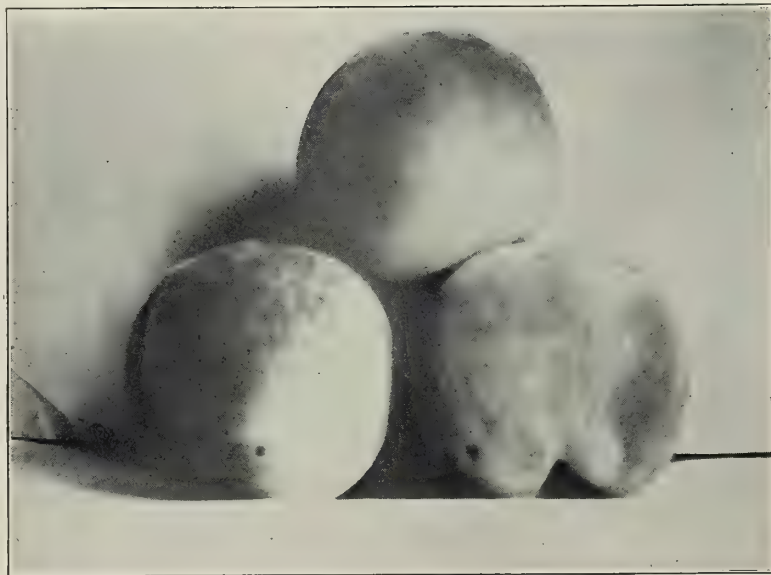
**Snyder**—Enormously productive, fruit sweet and juicy, no hard core, very hardy, a leading market variety.

**Stone's Hardy**—Originated in Wisconsin, very hardy, good bearer, and fruit of excellent quality.

**Early Harvest**—Very early, productive, one of the best, must be protected over winter north of Missouri.

Lay the canes down in the fall and cover with straw.

**Taylor's Prolific**—Berries very large and of fine fla-



Gold Dust Peaches, much reduced.

vor, ripens late, canes of vigorous growth, very hardy in cold sections.

**Erie**—The most popular of all standard Blackberries. The canes are of ironclad hardness of the strongest growth, quite free from rust and wonderfully productive, bending the robust canes to the ground with the weight

of fruit. The berry is very large, of excellent quality, handsome and firm and uniform in both size and shape.



Nursery Stock—"Bagby Grown"—Three-year-old and up.

### STRAWBERRY PLANTS.

This fruit is easily and quickly grown, and bears such an abundance of fine, luscious berries that everyone who has even a small city lot can enjoy the pleasure of growing and eating this fruit fresh from the vines.

Plant in rows,  $3\frac{1}{2}$  feet apart and 15 inches in the row, or for small beds, plant 18 inches apart each way. In

planting have the rows even with the pressed surface of the ground and press the soil firmly about the roots, which should be well spread out in planting. Do not allow the rows to spread more than 18 to 24 inches wide and cut all runners that reach beyond the limit.

The letter (P) or (S) following the name of the variety denotes whether it is a Pistillate (an imperfect flowering variety) or whether it is a staminate (a perfect flowering variety.) At least one-third of the planting should be of the latter sort to insure perfect fertilization.

**Aroma (S.)** This is considered one of the best late berries. In color, size, flavor and hardiness, it stands well to the front. Stands drouth well.

**Bederwood (S)**—Best early, rapid grower, very productive, good quality, one of the best sorts to pollinize early pistillate sorts such as Warfield and Crescent.

**Bismarck (S)**—Very large, much like Bubach, but more productive.

**Brandywine (S)**—Berry large and handsome, good quality, productive; fine plant and grower, very thrifty, good pollenzier; few sorts so highly recommended.

**Bubach No. 5 (P)**—Very large, good quality; strong, healthy plant, moderately productive; near-market sort.

**Clyde (S)**—Fruited here, everywhere praised; large berries, very productive, a strong growing plant; would

plant largely of this sort; neither cold, heat nor drouth seem to injure this sort. Bears early and late; a fine pollenizer for other sorts.

**Crescent (P)**—A leading sort, "lazy man's berry;" vigorous grower everywhere; early.

**Haverland (P)**—Thrifty, healthy, immensely productive of medium to large berries. Has always done well here. Good for near market sort.

**Splendid (S)**—Much like Brandywine in plant and fruit, very productive of large berries. Plant this sort freely.

**Warfield (P)**—Early and late, very productive, good shipper, good quality, our leading sort, more extensively planted than any other sort. We have not found any sort that will surpass the Warfield in productiveness or quality of fruit.

#### GRAPES—NATIVE VARIETIES.

Nothing but varieties that have stood severe tests are included in the following lists, but we can also supply vines of some twenty additional varieties.

**Brighton**—Bunches medium; berries large, reddish, skin thin; quality best; an excellent early table or market grape; vigorous.

**Catawba**—Bunches and berries large; deep red, with lilac bloom; juicy, vinous and of musky flavor.

**Concord**—Bunches and berries very large; blue black, with bloom; skin thin; cracks easily; flesh sweet, pulpy, tender, quality good. Very prolific and a vigorous grow-

er. One of the most reliable and profitable varieties for general cultivation.



Block 50,000 Plum on Plum.

**Delaware**—Bunch compact; berries medium; light red; quality best; moderate grower, but vine very healthy; very prolific and more free from disease than any other variety grown; unsurpassed for table and for wine.



**Ives**—Bunches very large, berries large blue; skin thick; flesh pulpy, sweet, very musky; very vigorous



grower and prolific bearer. Very hardy and popular as a wine grape.

**Moore's Diamond**—Large, greenish white, juicy, little pulp and of very good quality. Yields abundantly; fruit perfect and showy. Ripens very early in July; the best very early white variety.

**Moore's Early**—Bunch medium. Berry large, round;

black with heavy blue bloom; medium quality. Very early. This grape is a very desirable variety for market.

**Niagara**—Bunch and berry large, greenish yellow; flesh pulpy, sweet, foxy. Its remarkable size and fine appearance give it much popularity as a market variety; vigorous and prolific.

**Norton's Virginia**—Bunch large, compact. Berry compact. Berry small, black. Excellent for red wine.

We have now growing in our nurseries over two million fruit trees by actual count. All clean and healthy. Entomologist's certificate with each shipment. No San Jose Scale, Yellows or Rosette has been found in this county.

Shipments to Pacific Coast and Southern states from our frost proof storage during winter months via Southern Routes.

**Directions for Ordering**—Write name and address plainly. Always state distinctly the sizes and grades of stock ordered as per the grades given in price list. When named varieties cannot be furnished, we reserve the right to substitute such varieties as will fill the season as near as possible, unless prohibited in the order. Persons unacquainted with the different varieties will generally get a much better selection by leaving the assortment to us. Keep a correct copy of the order, so that when the stock arrives you will know exactly whether you get what you have ordered. If we make mistakes, they are accidental and we wish to right them.











*Press of*  
*The Fruit-Grower Company*  
*St. Joseph, Mo.*